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TOYOUCHI KAORU(54) ORGANIC ELECTROLYTE BATTERY  
HOUSING CASE

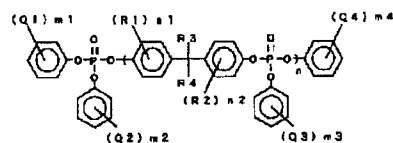
(57) Abstract:

**PROBLEM TO BE SOLVED:** To provide a case stable against an electrolyte and free from the occurrence of an appearance defect such as dissolution, swelling and cracking by forming the case out of polyphenylene ether resin composition containing the prescribed phosphoric ester compound.

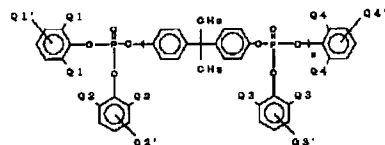
**SOLUTION:** A battery case used for housing at least one organic electrolyte battery is formed out of polyphenylene ether resin composition. The composition in this case contains a phosphoric ester compound shown by the general formula (1) and/or the general formula (2). As a result, the battery housing case becomes very stable against an organic electrolyte. Furthermore, the battery housing case comes to have even flame resistance with an organic electrolyte resistance characteristic maintained. Thus, even when an electrolyte leaks from battery internal space, due to the occurrence of abnormality, a remarkable appearance defect such as dissolution, swelling and cracking does not occur. Also, even when the electrolyte catches a

fire for any reason, a battery pack is free from a danger of catching a fire, thereby providing a safe battery pack.

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